PERMIT AMENDMENT NO. 2077-005-0010-S-04-1 ISSUANCE DATE:



ENVIRONMENTAL PROTECTION DIVISION

Air Quality – Permit Amendment

In accordance with The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Rules, Chapter 391-3-1, adopted pursuant to or in effect under that Act, Permit No. 2077-005-0010-S-04-0 issued on December 10, 2021 to:

Facility Name: Tyson Farms, Inc., River Valley Ingredients - Alma

Facility Address: 1255 US Hwy 1, South

Alma, Georgia 31510 (Bacon County)

Mailing Address: 1255 US Hwy 1, South

Alma, Georgia 31510

Facility AIRS Number: 04-13-005-00010

for the following:

For the operation of a poultry rendering facility.

is hereby amended as follows: Remove differential pressure monitoring from E1(b) Venturi Scrubber. Conditions 5.4, 7.9, 7.10 and 7.11 are amended.

Reason for Amendment: Application No. 28552 dated August 4, 2022, Addendum#1 dated September 12, 2022 and Addendum#2 dated October 3, 2022.

This Permit is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached 2 page(s).

This Permit Amendment is hereby made a part of Permit No. 2077-005-0010-S-04-0 and compliance herewith is hereby ordered. Except as amended hereby, the above referenced Permit remains in full force and effect.



Richard E. Dunn, Director Environmental Protection Division

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5. Monitoring

Amended Condition

5.4 The Permittee shall install, calibrate, maintain, and operate monitoring devices for the measurement of the following parameters. Data shall be recorded at the frequency specified below:

[391-3-1-.02(6)(b)]

- a. The pH of the scrubbing liquid used in the process air Scrubbers E1(c) and E1(d). Data shall be recorded every **four** hours during which the chicken rendering process operates.
- b. The air temperature entering the process air Scrubbers E1(c) and E1(d). Data shall be recorded every **four** hours during which the chicken rendering process operates.
- c. The scrubbant flow rate in the process air Scrubbers E1(c), and E1(d). Data shall be recorded every **four** hours during which the chicken rendering process operates
- d. The differential pressure drop across the process air Scrubbers E1(c), and E1(d). Data shall be recorded every **four** hours during which the chicken rendering process operates.
- e. The React-Ox flow rate in process air Scrubbers E1(c) and E1(d). Data shall be recorded every **four** hours during which the chicken rendering process operates.

7. Notification, Reporting and Record Keeping Requirements

Amended Condition

- 7.9 The Permittee shall maintain a log of the scrubbant pH, the temperature through the scrubbers, scrubbant flow rate, the pressure drop across the scrubbers (**except Scrubber E1(b)**) and the flow rate of the React-ox scrubbant used in each process air scrubber. This log shall contain a list of the chemicals used in each scrubber as well as the above parameters measured every **four** hours. This information shall be recorded in a permanent form suitable for inspection by or submittal to the Division, upon request. The said records shall be retained for at least five (5) years following the date of entry.
 - [391-3-1-.02(6)(b)]
- 7.10 For the purpose of reporting excursions (any departure from an indicator range or value established for monitoring consistent with any averaging period specified for averaging the results of the monitoring) in the report required in Condition 7.11, the following excursions shall be reported:

[391-3-1-.02(6)(b), 40 CFR 60.42c(d), 40 CFR 60.48c(j) & 40 CFR 63.11195(e) & 63.11237]

- a. Any **two consecutive** measurement that indicates the pH of the scrubbant liquid in Scrubber E1(c) or E1(d) is outside the range of 5 to 10.
- b. Any **two consecutive** measurement that indicates the temperature through Scrubber E1(c) or E1(d) is greater than 100 degrees Fahrenheit (°F).

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- c. Any **two consecutive** measurement that indicates the React-ox flow rate in Scrubber E1(c) or E1(d) is less than the established minimum. The minimum for each scrubber shall be 6 ml/min.
- d. Any **two consecutive** differential pressure reading greater than six inches of water column across a packed bed Scrubber E1(c) or E1(d).
- e. Any **two consecutive** scrubbant flow rate readings that are outside the range specified below:
 - i. E1(c) scrubbant flow rate range: 24 to 36 GPM.
 - ii. E1(d) scrubbant flow rate range: 450 to 675 GPM.
- f. Any time fuel oil is burned in Boiler E1 and/or E2 which does not comply with the specifications of fuel oil Numbers 1 and/or 2 as defined by ASTM D396 "Standard Specification for Fuel Oils."
- 7.11 The Permittee shall submit to the Division a semiannual report by July 30 of the calendar year of record and by January 30 of the year following the calendar year of record unless otherwise approved by the Division. The report shall include the information required to be recorded in accordance with Conditions 7.5, 7.9, **7.10** and 7.11 of this Permit and shall contain: [40 CFR 60.48c(d), 40 CFR 60.48c(j)]
 - a. The fuel oil supplier certifications required by Condition 5.2 for all distillate fuel oil received during the reporting period.
 - b. A certified statement, signed by an official of the company, affirming that the records of fuel oil supplier certifications submitted in accordance with subparagraph a. of this condition represent all the fuel oil fired in the boiler during the semiannual period.
 - c. The total quantity of No. 1 and/or No. 2 fuel oil burned in Boiler E1 for each calendar month during the semiannual reporting period.
 - d. The total quantity of natural gas and propane burned in Boiler E1 for each calendar month during the semiannual reporting period.